

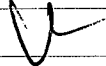
Work Order ID 107461




September-24-13 2:16:09 PM

107461

Page 1

Item ID: D3186-4 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Spacepod Door, RH
 Start Date: 9/24/13 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 9/27/13 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan:  Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3186	Rev E								
100	Small Fab	0.00				1			 13.10.03
100									
Small Fab	Memo	0.00							
Small Fab	1-Trim door to fit spacepod before drill holes and cut out slots for latch as per dwg D3186 (D3186-4 detail)								
110	QC5- Inspect part completeness to step on W/O	0.00							
110						①			 13.10.03
QC	Memo	0.00							
Quality Control									
120	Identify as per dwg & Stock Location <u>Composites</u>	0.00							
120									
Packaging	Memo	0.00							
Packaging									 13.09.19

107461

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N900040100

Stop *NS2*

Start Date: 9/24/13 **Start Qty:** 1.00 ***1***

Required Date: 9/27/13 Req'd Qty: 1.00 *1*

Run Start *NR1*

Stop *NR2*

**Insp.
Stamp**

130

0.00

27/ Rm 13/10/07

MF
13-10-27

Picklist Print

September-24-13 2:16:09 PM

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Work Order ID: 107461

Parent Item: D3186-4

Parent Item Name: Spacepod Door, RH

Start Date: 9/24/13

Required Date: 9/27/13

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A New Issue 07-01-11 EC
IPP rev.B revD 07.03.07 ec
door before drilling DD verf:EC

IPP Rev:C 10-08-11 added trim

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3186-2M Spacepod Door RH		Manufactured	No			100	Each	1.0000	1	1		13-09-24	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				CA		1							
				95160		1							

~~75463~~ 95160

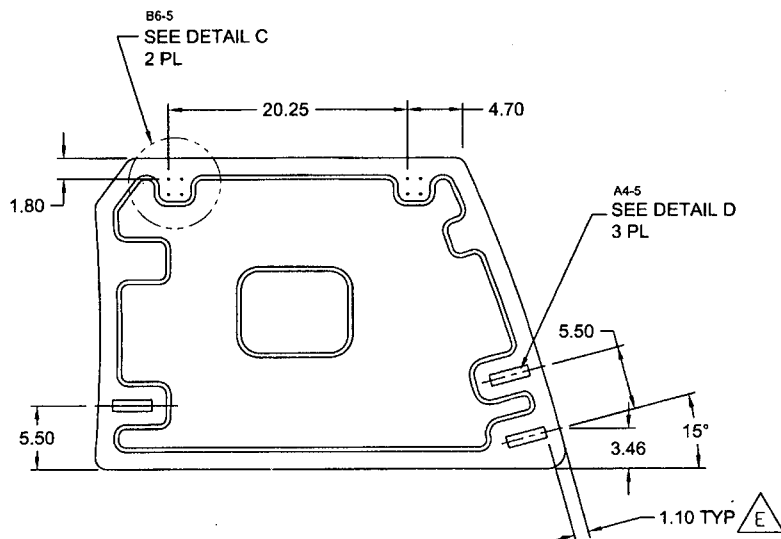
8 7 6 5 4 3 2 1

D

C

B

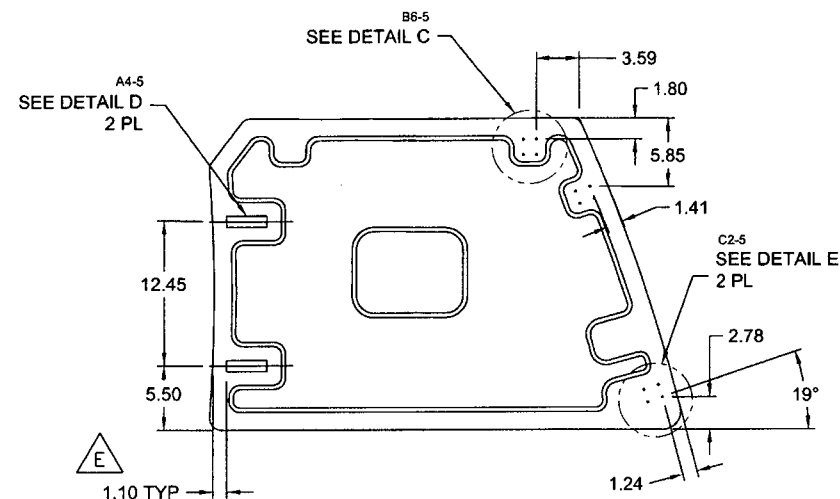
A



D3186-1 SPACEPOD DOOR, LH
MAKE FROM D3186-1M

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A



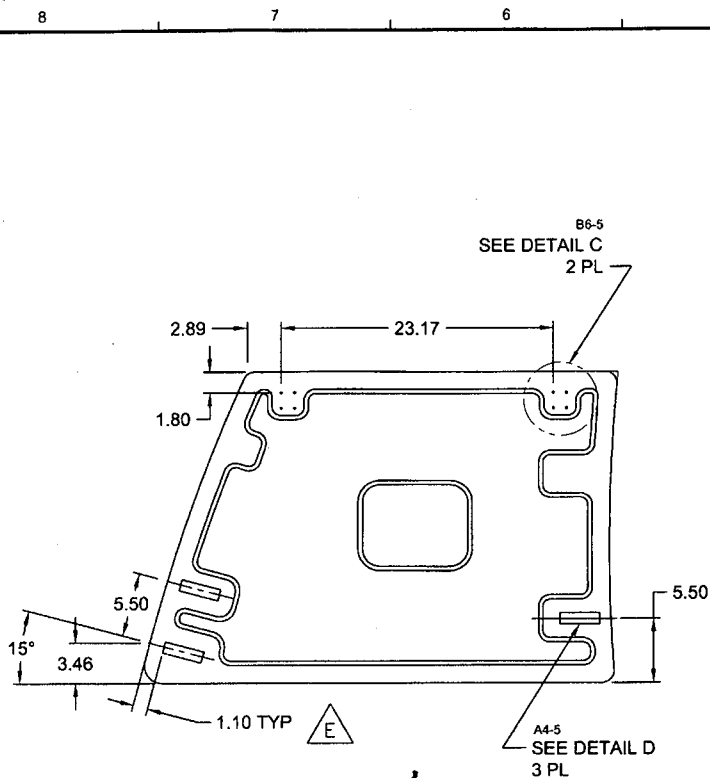
D3186-3 SPACEPOD DOOR, LH
MAKE FROM D3186-1M

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2009-09-09

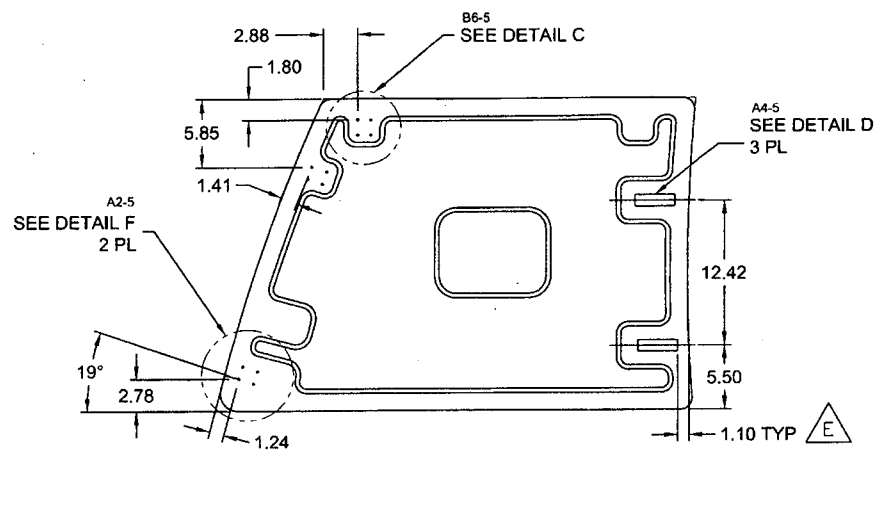
alopzhd

E	DRAWING UPDATED TO CURRENT STANDARDS. 1.10 WAS 0.98 (ZN B5-1, B4-1, B7-2, B1-2); R0.12 WAS 0.125 (ZN B5-5); REF PAR 09-026	RF	09.07.08
D	UPDATE DIMENSIONS	LE	07.02.22
C	REMOVED D0600-XXX LABELS	LE	06.12.13
B	DIMS UPDATED TO MATCH PRODUCT FOAM PATTERN UPDATED D3186-1M/-2M/-3/4 ADDED	LE	06.09.25
A	NEW ISSUE	CP	03.03.27
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. E
MFG. APPR.	<i>[Signature]</i>	D3186	SHEET 1 OF 5
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	SPACEPOD DOOR	NTS
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8 7 6 5 4 3 2 1



D3186-2 SPACEPOD DOOR, RH
MAKE FROM D3186-2M







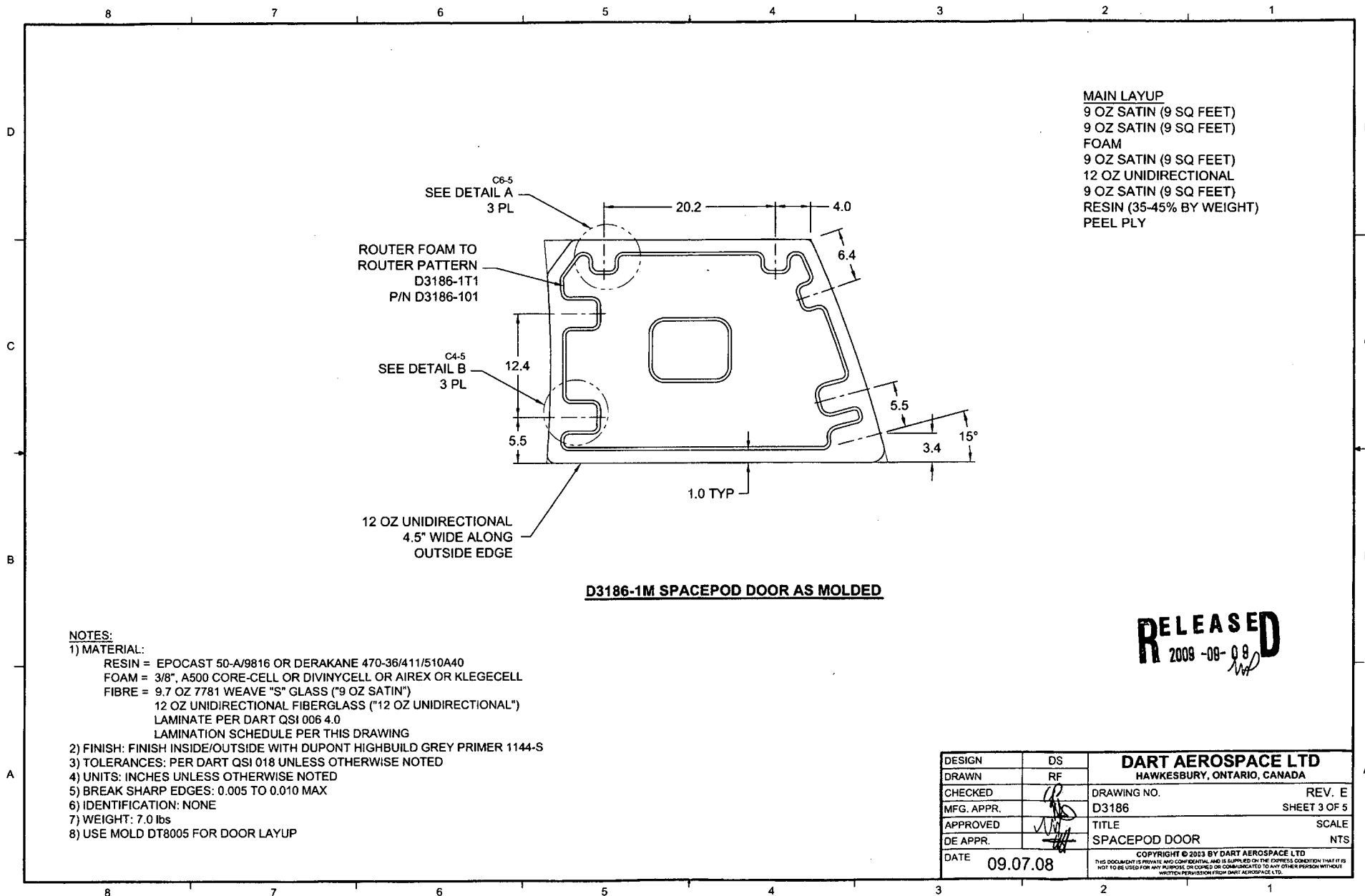
D3186-4 SPACEPOD DOOR, RH
MAKE FROM D3186-2M

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2009-09-09

NOTES:

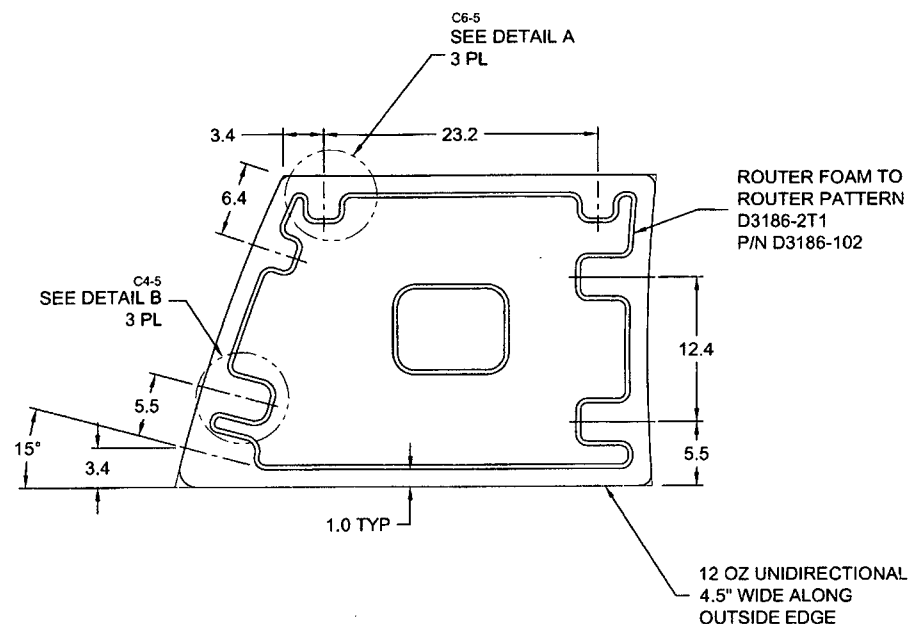
- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

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MAIN LAYUP

9 OZ SATIN (9 SQ FEET)
 9 OZ SATIN (9 SQ FEET)
 FOAM
 9 OZ SATIN (9 SQ FEET)
 12 OZ UNIDIRECTIONAL
 9 OZ SATIN (9 SQ FEET)
 RESIN (35-45% BY WEIGHT)
 PEEL PLY



ROUTER FOAM TO
 ROUTER PATTERN
 D3186-2T1
 P/N D3186-102

12 OZ UNIDIRECTIONAL
 4.5" WIDE ALONG
 OUTSIDE EDGE

NOTES:

1) MATERIAL:

RESIN = EPOCAST 50-A/9816 OR DERAKANE 470-36/411/510A40
 FOAM = 3/8", A500 CORE-CELL OR DIVINYCELL OR AIREX OR KLEGECELL
 FIBRE = 9.7 OZ 7781 WEAVE "S" GLASS ("9 OZ SATIN")
 12 OZ UNIDIRECTIONAL FIBERGLASS ("12 OZ UNIDIRECTIONAL")
 LAMINATE PER DART QSI 006 4.0
 LAMINATION SCHEDULE PER THIS DRAWING

2) FINISH: FINISH INSIDE/OUTSIDE WITH DUPONT HIGHBUILD GREY PRIMER 1144-S

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX





6) IDENTIFICATION: NONE

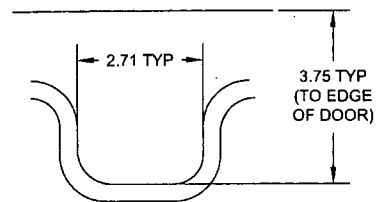
7) WEIGHT: 7.0 lbs

8) USE MOLD DT8006 FOR DOOR LAYUP

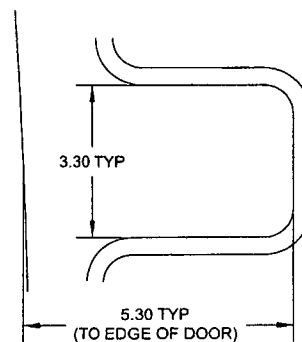
D3186-2M SPACEPOD DOOR AS MOLDED

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 2008-09-09

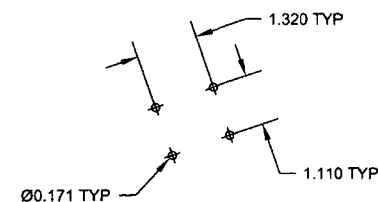
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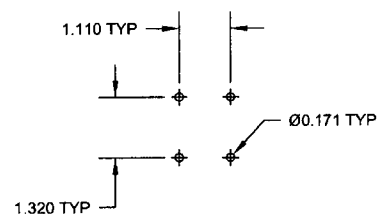
DETAIL A D6-3
SCALE 4X D4-4



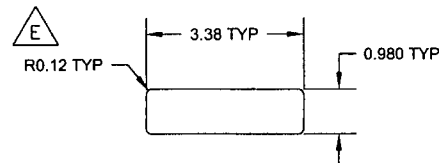
DETAIL B C6-3
SCALE 4X C6-4



DETAIL E C1-1
SCALE 4X

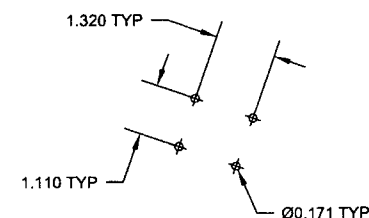


DETAIL C D7-1
SCALE 4X D3-1
D6-2
D3-2



NOTE: ENSURE THAT CUTOUT IS
PERPENDICULAR TO EDGE OF DOOR

DETAIL D C5-1
SCALE 4X D4-1
B6-2
C2-2



DETAIL F C4-2
SCALE 4X

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2009-09-08

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